

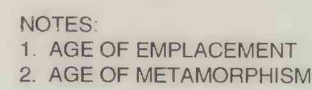
CONTOUR INTERVAL 100 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER  
HORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 12 FEET

ALASKA

CUDINGLE LOCATION

Geologic Mapping by:  
D.A. Brew, H.C. Berg, P.D. Burrell, A.B. Ford,  
D.J. Grybeck, C. Huie, S.J. Hunt, S.M. Karl,  
R.D. Koch, R.P. Morrell, A.T. Ovenshine,  
K. Reading, and R.A. Sonnevill; 1971-1983

(SEE INDEX MAP FOR LOCATION OF BELTS)



Qs SURFICIAL DEPOSITS (Holocene and/or Pleistocene)--Alluvium, colluvium, tidal mudflat deposits, and some glaciofluvial deposits.

EXTRUSIVE AND INTRUSIVE VOLCANIC ROCKS OF KUIU-ETOLIN VOLCANIC-PLUTONIC BELT  
(Quaternary and Tertiary)

Qb	Extrusive Basaltic Rocks and Underlying Sediments (Holocene and/or) Pleistocene)
QTr	Rhyolite, Rhyodacite, and Related Siliceous Extrusive and Intrusive Rocks
QTa	Andesite and Other Intermediate Extrusive Rocks
QTb	Basalt and Other Mafic Extrusive Rocks
QTD	Dikes, Sills, and Extrusive Rocks

INTRUSIVE GRANITIC AND OTHER ROCKS OF KUIIU-ETOLIN VOLCANIC-PLUTONIC BELT (Miocene and/or Oligocene)

Tmqk Heterogeneous Granitic Rocks of Central Kupreanof and Northeastern Kuiu Islands

## INTRUSIVE ROCKS OF ADMIRALTY-REVILLAGIGEDO PLUTONIC BELT AND ASSOCIATED MIGMATITE (Upper Cretaceous)

Kqp	Biotite-Epidote-Hornblende Quartz Monzodiorite
Kdi	Hornblende Diorite

METAMORPHOSED STEPHENS PASSAGE GROUP ROCKS (Upper Cretaceous)

Ksg	Greenstone and Greenschist
Kss	Schist and Hornfels
Ksp	Phyllite

Mzs	Semischist and phyllite
Mzl	Massive Limestone
Mzv	Greenschist And Greenstone Metamorphosed From Intermediate To Mafic Volcanic Rocks
Mzc	Quartzite Metamorphosed From Chert
Mzr	Schist and Semischist Metamorphosed From Felsic Volcanic Rocks
Mzp	Phyllite and Slate Metamorphosed From Tuff, Mudstone and Minor Graywacke
Mzg	Metamorphosed Gabbro

HYD GROUP(?) (Upper Triassic)

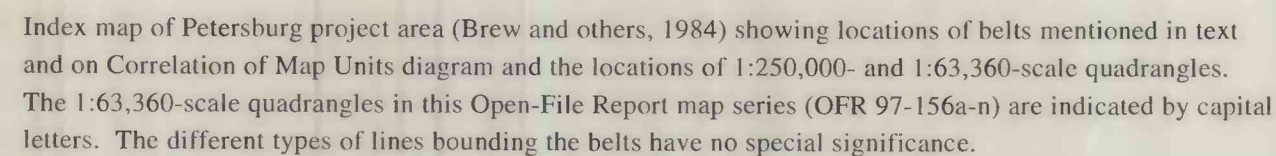
Thv Felsic and Intermediate Volcanic Flows and Breccia, Limestone, and Argillite

DIs FOSSILIFEROUS LIMESTONE (Lower and Middle Devonian)

### LINE SYMBOLS

Contact; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data

High-angle fault; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data



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By  
David A. Brew  
1997